

Storm Data and Unusual Weather Phenomena - November 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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WISCONSIN, Southeast

(WI-Z056) SAUK, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

11/01/12 00:00 CST

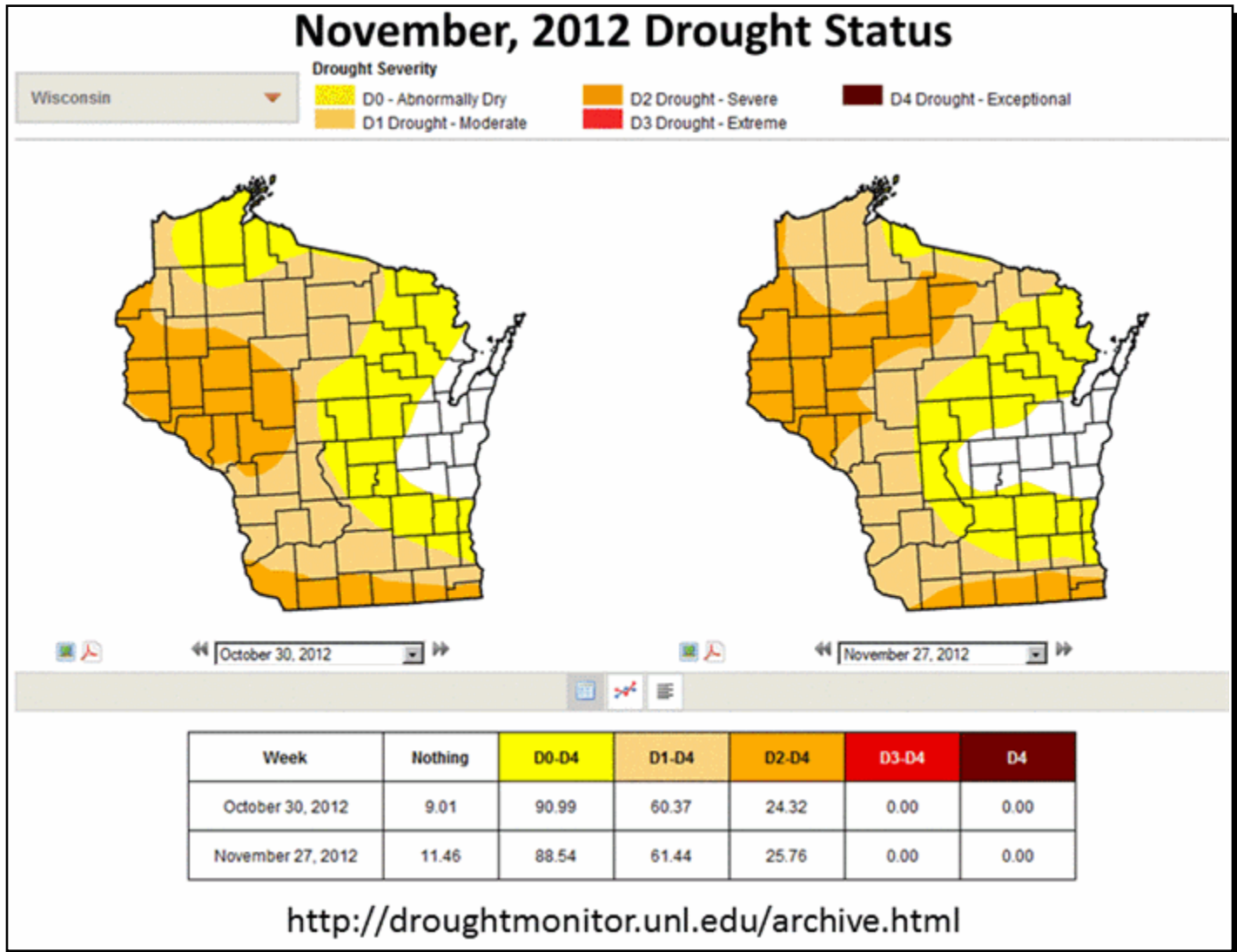
0

Drought

11/30/12 23:59 CST

0

Moderate (D1) to severe (D2) drought conditions persisted through all of November across the southern two tiers of Wisconsin's counties. The areal extent of D2 conditions showed remained nearly steady while the D1 area decreased slightly.



U.S. Drought Monitor images showing trend near the start and end of November, 2012.

(WI-Z052) SHEBOYGAN, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

11/11/12 15:00 CST

17K

Strong Wind (MAX 43 kt)

11/11/12 18:00 CST

0

Strong low-level winds gusting to 46 to 49 mph (40 to 43 knots) affected south-central and southeast Wisconsin on November 11th. Widely scattered power outages were reported due to wind-broken tree limbs impacting power-lines. These winds were associated with a deep mid-upper level trough, with 850 mb winds of 60 to 80 knots. Some of this high-momentum wind mixed down to the surface ahead of a strong cold front during the mid-morning to early evening hours.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUCREE, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA				
	11/16/12 23:00 CST		0	Dense Fog
	11/17/12 08:00 CST		0	

A large ridge of high pressure over the region brought clear skies and light winds, that when combined with abundant low-level moisture, produced dense fog over most of Southeast Wisconsin and far southern sections of South-Central Wisconsin. Visibilities were reduced to 1/4 mile or less roughly along and southeast of a Monroe, Madison, to Elkhart Lake line from late in the evening of November 16th into the early morning hours of November 17th. Several airplane flight departures and arrivals were delayed. Locations to the northwest saw drier air work in overnight that prevented the development of dense fog.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUCREE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA				
	11/20/12 17:00 CST		0	Dense Fog
	11/21/12 10:00 CST		0	

The axis of a ridge of high pressure crossed southern Wisconsin during the evening of November 20th and the early morning hours of November 21st. Clearing skies and abundant low-level moisture combined to produce widespread dense fog. The moist conditions had kept fog over southwest sections of South Central Wisconsin through most of the day, as well as over Sheboygan County. Visibilities at these locations went back down to 1/4 mile or less shortly after sunset on the 20th. The remainder of southern Wisconsin saw dense fog develop by mid-evening, with the fog lasting well into the daylight hours of November 21st. Several airplane flight departures and arrivals were delayed.